

**RECONFIGURABLE OPTICAL ADD-DROP MULTIPLEXER BASED ON NON-
INTERFEROMETRIC SWITCHING**

ABSTRACT

[0026] A tunable, reconfigurable optical add/drop multiplexer comprises a first signal routing component and at least one wavelength selective switch having an input port and an output port. The input port is optically coupled to the first signal routing component. The wavelength signal selective switch is wavelength tunable, so as to allow a selected wavelength to be routed to the first signal routing component and the rest of the wavelengths to be routed to the output port. According to an embodiment of the present invention the first signal routing component is an optical circulator.